

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX072619\
 Data File : VX011098.D
 Acq On : 26 Jul 2019 18:09
 Operator : JC/SP
 Sample : PB121723ZHE#04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PB121723ZHE#04

Quant Time: Jul 27 03:46:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071619W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 24 05:39:23 2019
 Response via : Initial Calibration

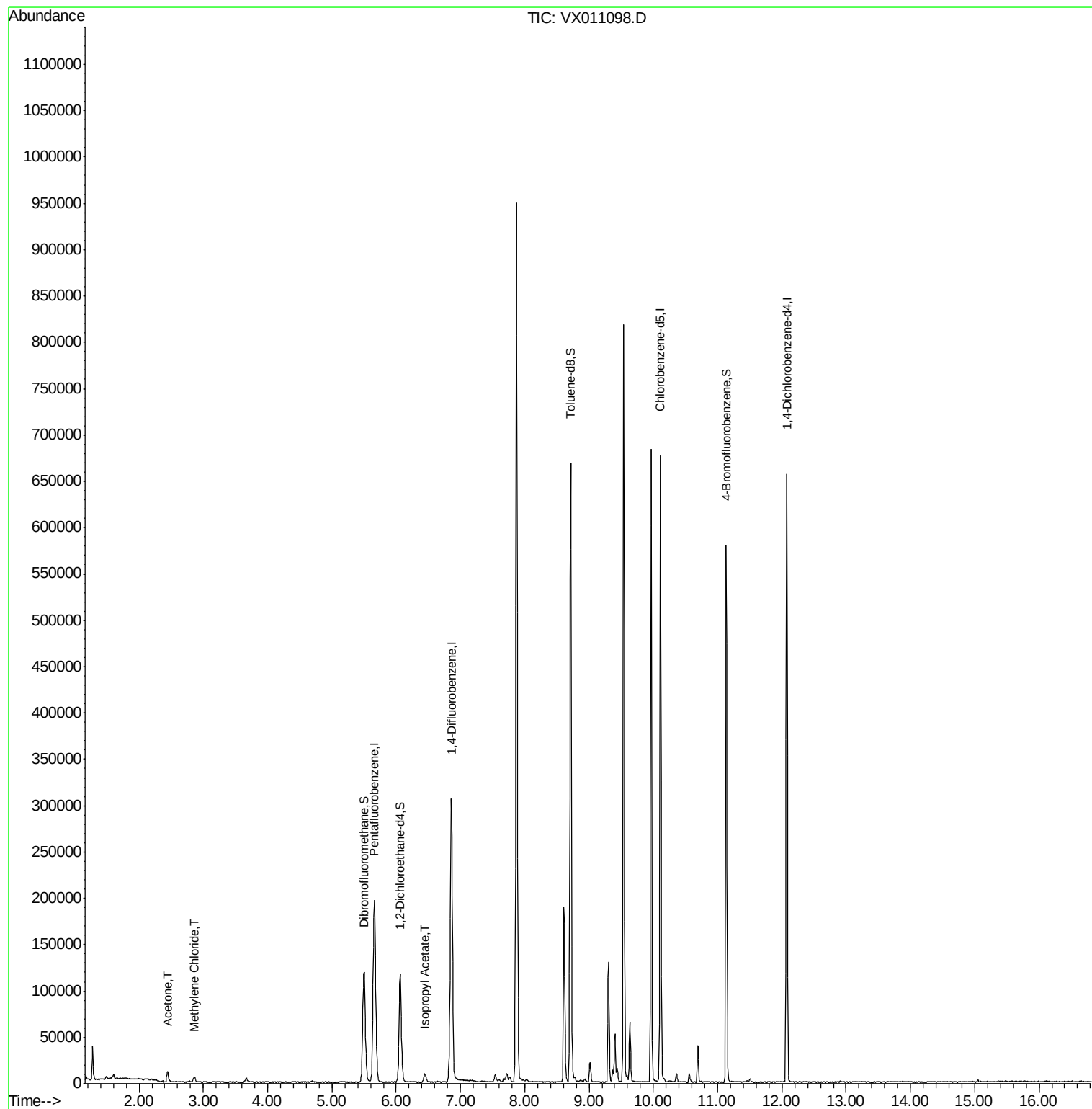
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	198261	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	320255	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	310244	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	143445	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	110170	52.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.46%	
35) Dibromofluoromethane	5.50	113	100964	49.67	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.34%	
50) Toluene-d8	8.71	98	396158	51.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.92%	
62) 4-Bromofluorobenzene	11.13	95	141289	50.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.84%	
Target Compounds						
16) Acetone	2.44	43	12235	12.844	ug/l	96
20) Methylene Chloride	2.86	84	2940	1.456	ug/l #	82
43) Isopropyl Acetate	6.45	43	11964	2.701	ug/l	95

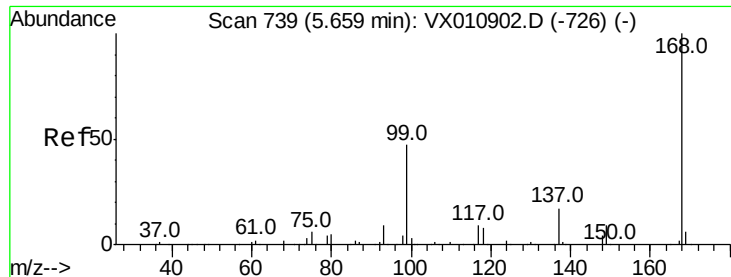
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. 0.01 min

Lab File: VX011098.D

Acq: 26 Jul 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

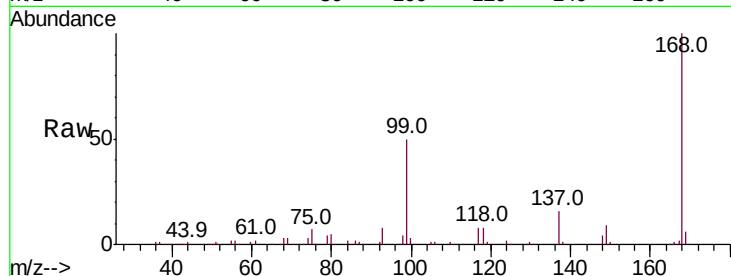
PB121723ZHE#04

Tot Ion:168 Resp: 198261

Ion Ratio Lower Upper

168 100

99 50.4 37.6 56.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

60000

40000

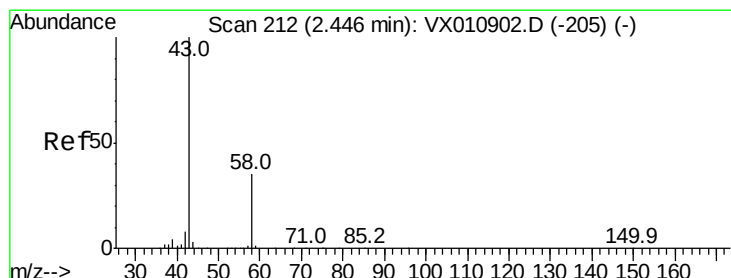
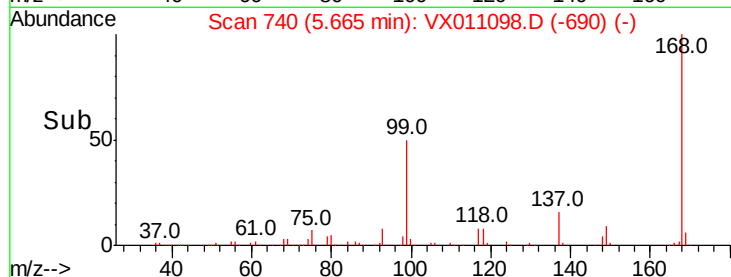
20000

0

5.60

5.70

Time-->



#16

Acetone

Concen: 12.844 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX011098.D

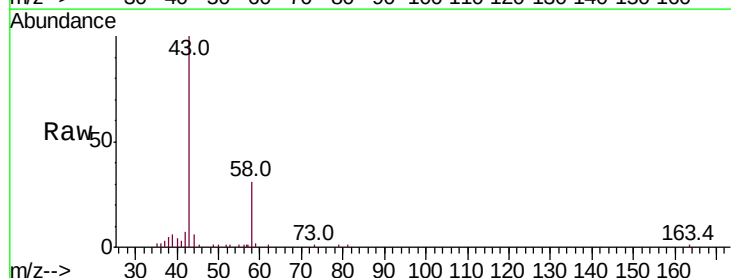
Acq: 26 Jul 2019 18:09

Tgt Ion: 43 Resp: 12235

Ion Ratio Lower Upper

43 100

58 32.0 27.7 41.5



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

8000

6000

4000

2000

0

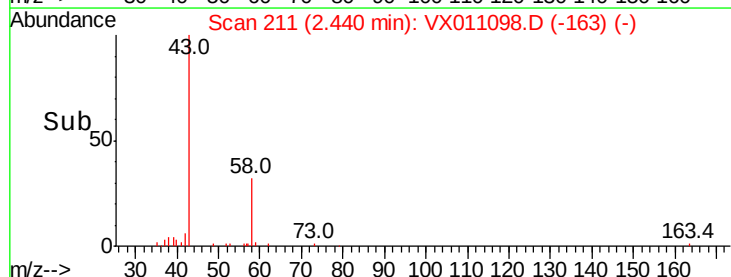
2.35

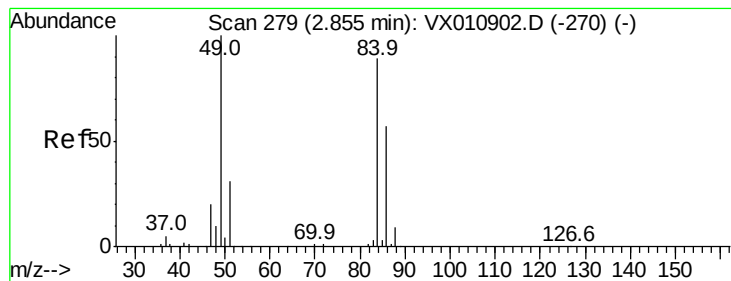
2.40

2.45

2.50

Time-->





#20

Methylene Chloride

Concen: 1.456 ug/l

RT: 2.86 min Scan# 280

Delta R.T. 0.01 min

Lab File: VX011098.D

Acq: 26 Jul 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

PB121723ZHE#04

Tot Ion: 84 Resp: 2940

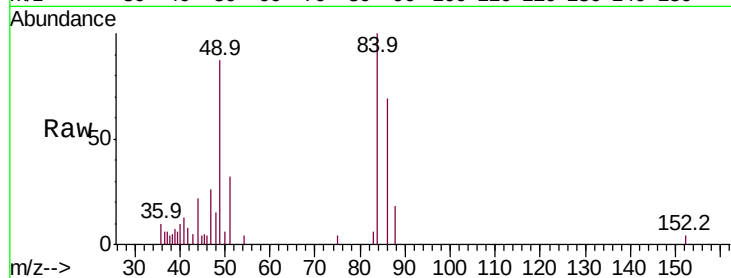
Ion Ratio Lower Upper

84 100

49 82.0 89.9 134.9#

51 31.7 27.8 41.6

86 68.7 51.8 77.6



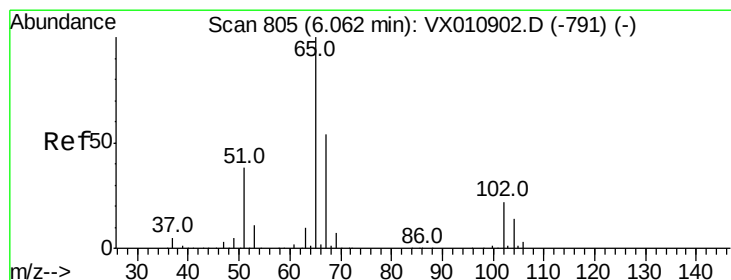
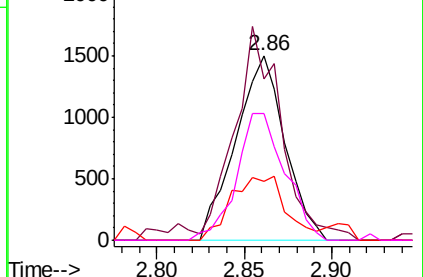
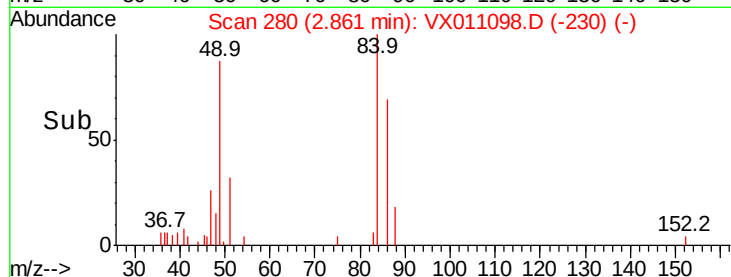
Abundance

Ion 83.90 (83.60 to 84.60): VX0

Ion 48.90 (48.60 to 49.60): VX0

Ion 50.90 (50.60 to 51.60): VX0

Ion 85.90 (85.60 to 86.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.233 ug/l

RT: 6.06 min Scan# 805

Delta R.T. -0.00 min

Lab File: VX011098.D

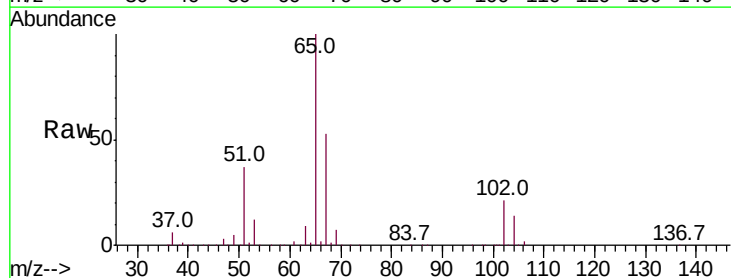
Acq: 26 Jul 2019 18:09

Tgt Ion: 65 Resp: 110170

Ion Ratio Lower Upper

65 100

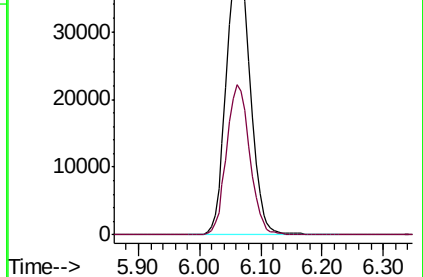
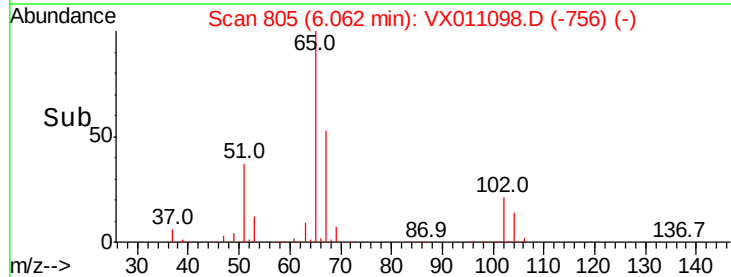
67 52.5 0.0 107.8

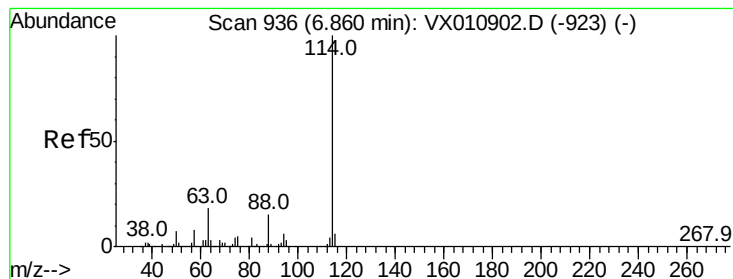


Abundance

Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX011098.D

Acq: 26 Jul 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

PB121723ZHE#04

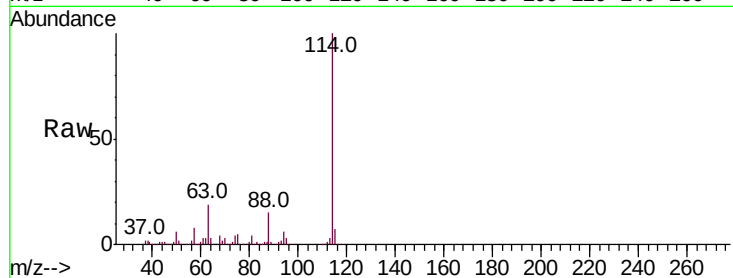
Tot Ion:114 Resp: 320255

Ion Ratio Lower Upper

114 100

63 19.1 0.0 35.6

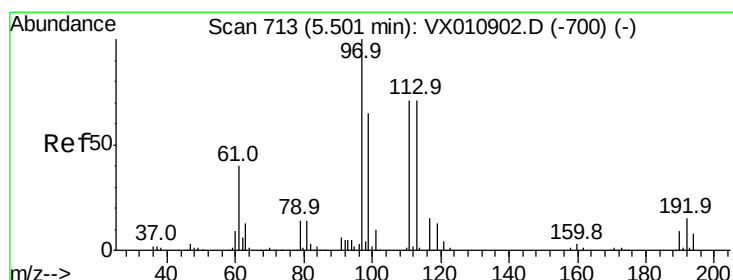
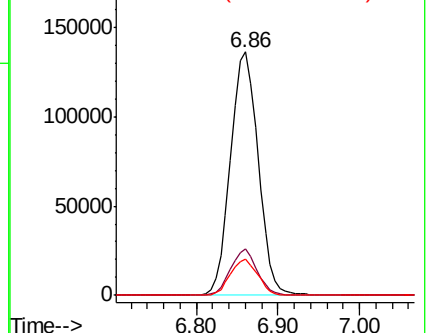
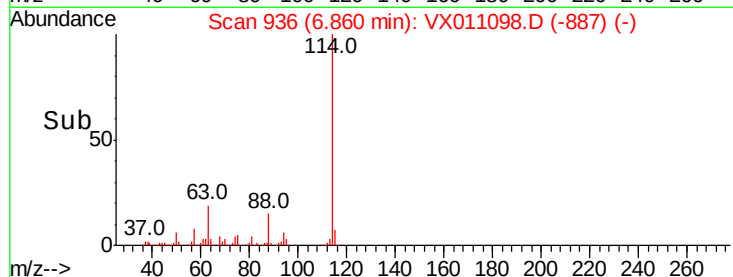
88 14.7 0.0 29.8



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 49.669 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX011098.D

Acq: 26 Jul 2019 18:09

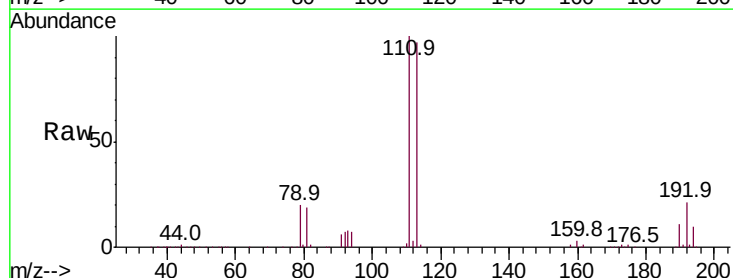
Tgt Ion:113 Resp: 100964

Ion Ratio Lower Upper

113 100

111 102.0 82.3 123.5

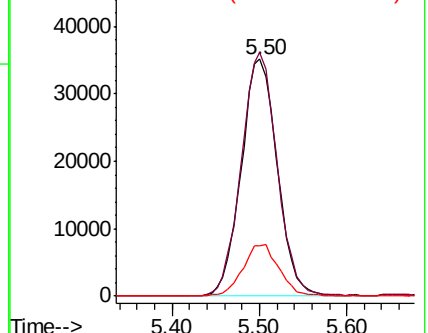
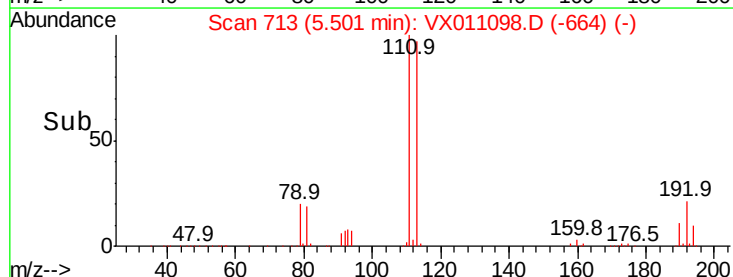
192 21.6 17.4 26.2

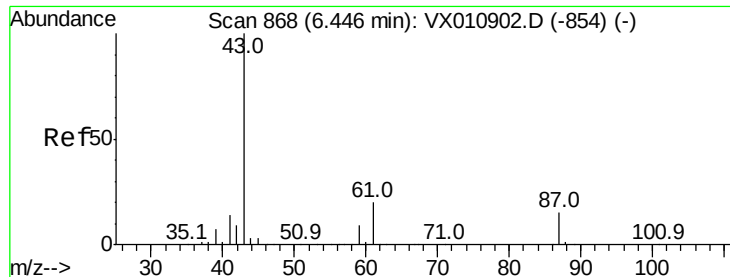


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.701 ug/l

RT: 6.45 min Scan# 868

Delta R.T. -0.00 min

Lab File: VX011098.D

Acq: 26 Jul 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

PB121723ZHE#04

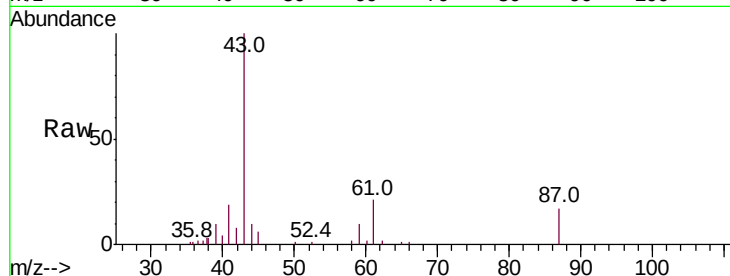
Tot Ion: 43 Resp: 11964

Ion Ratio Lower Upper

43 100

61 23.7 17.1 25.7

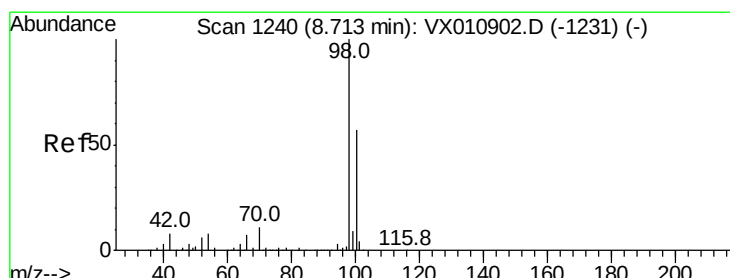
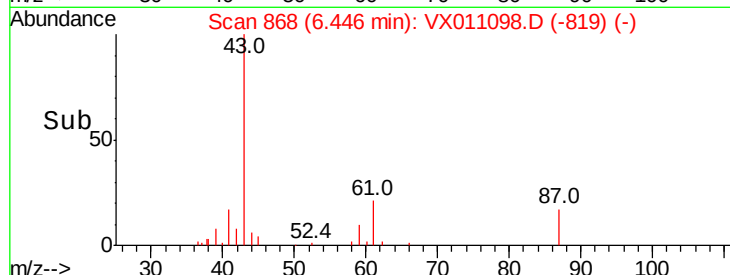
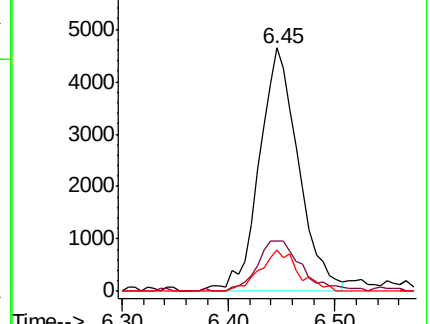
87 16.7 12.0 18.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 51.962 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX011098.D

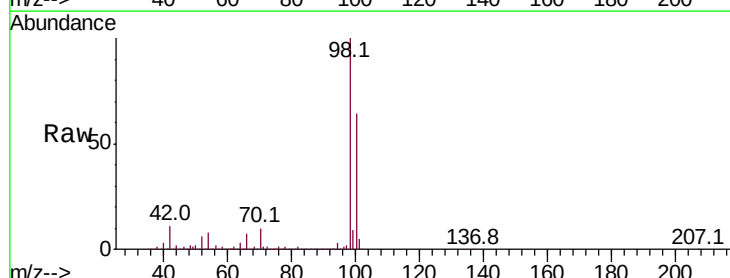
Acq: 26 Jul 2019 18:09

Tgt Ion: 98 Resp: 396158

Ion Ratio Lower Upper

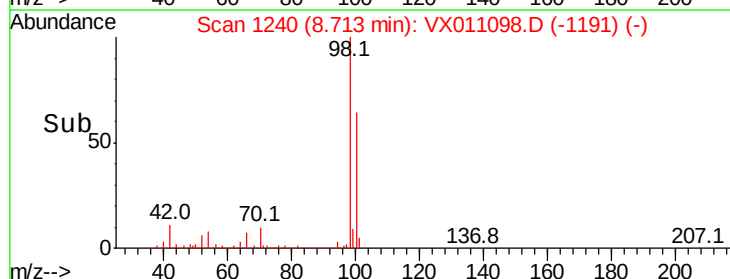
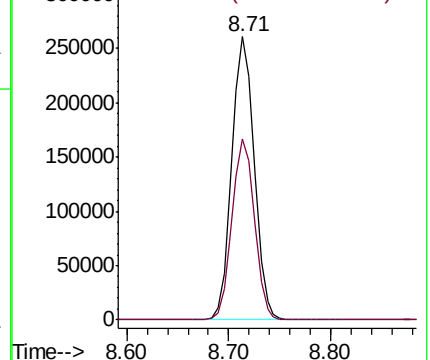
98 100

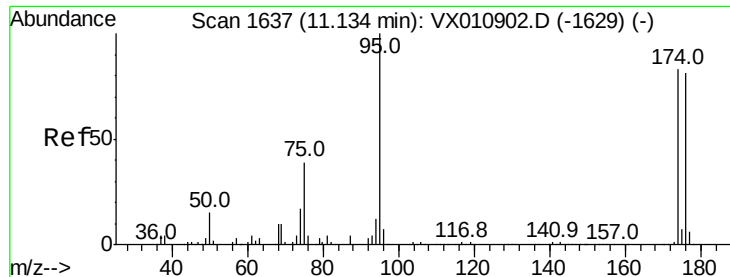
100 64.2 50.6 75.8



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V





#62

4-Bromofluorobenzene

Concen: 50.418 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX011098.D

Acq: 26 Jul 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

PB121723ZHE#04

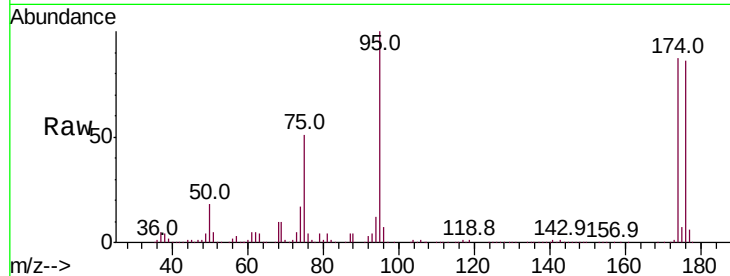
Tot Ion: 95 Resp: 141289

Ion Ratio Lower Upper

95 100

174 90.3 0.0 180.6

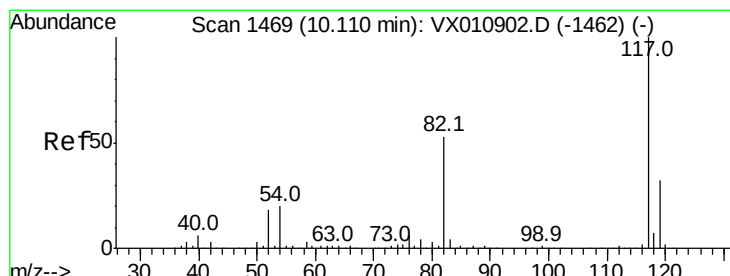
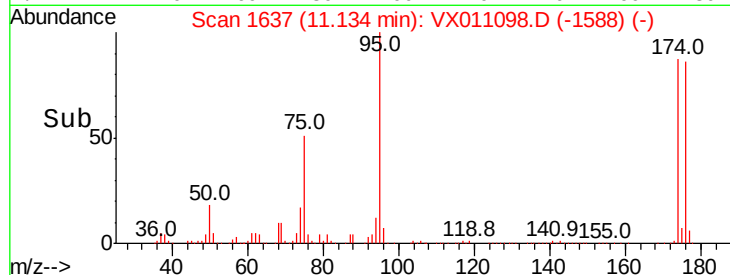
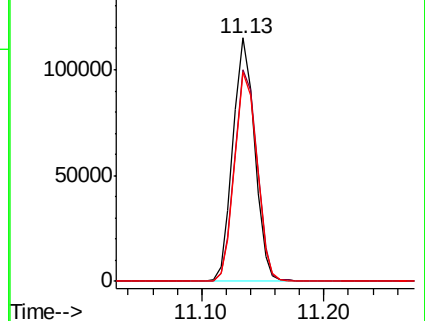
176 88.4 0.0 173.8



Abundance Ion 94.90 (94.60 to 95.60): VX011098.D (-1629) (-)

Ion 173.80 (173.50 to 174.50): VX011098.D (-1629) (-)

Ion 175.80 (175.50 to 176.50): VX011098.D (-1629) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX011098.D

Acq: 26 Jul 2019 18:09

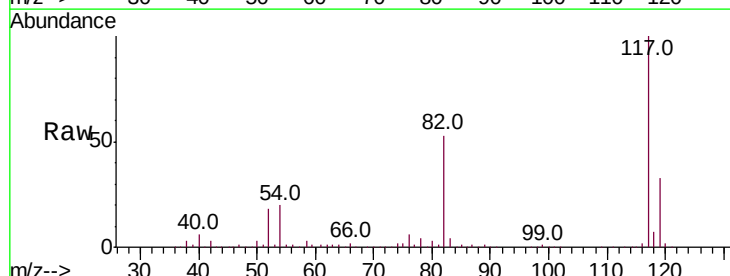
Tgt Ion: 117 Resp: 310244

Ion Ratio Lower Upper

117 100

82 53.3 42.6 63.8

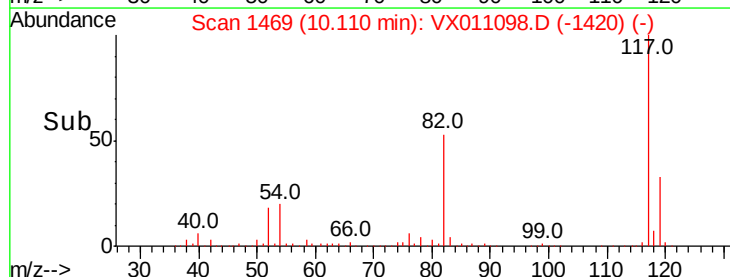
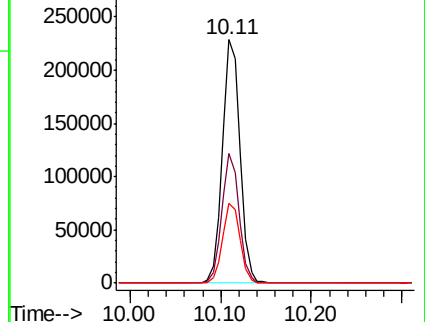
119 32.6 25.9 38.9

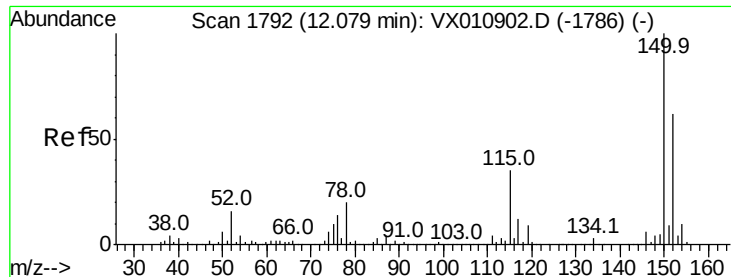


Abundance Ion 116.90 (116.60 to 117.60): VX011098.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011098.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011098.D (-1420) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. -0.00 min

Lab File: VX011098.D

Acq: 26 Jul 2019 18:09

Instrument :

MSVOA_X

ClientSampleId :

PB121723ZHE#04

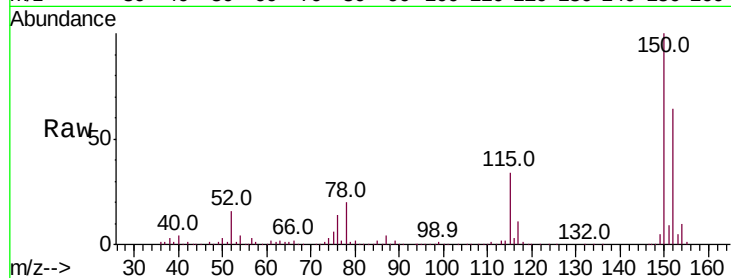
Tot Ion:152 Resp: 143445

Ion Ratio Lower Upper

152 100

115 56.0 39.7 119.1

150 156.6 0.0 345.6



Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V

